

## AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 8, lines 13-17 as follows:

In case of fabricating a carbon anode, a composition of 6g of graphite, 0.3g of AB and 0.4g of ~~polyvinylede~~ polyvinylidene-fluoride (termed as 'PVdF', hereinafter) were mixed in a suitable amount of NMP (N-methyl-2-pyrrolidinone) and acetone. When an adequate viscosity was obtained, the resulting solution was cast on a copper thin plate, dried and rolled to obtain the electrode material.

Please replace the paragraph on page 9, lines 1-6 as follows:

A lithium-ion secondary battery was fabricated such that a carbon anode coated with lithium metal, a PP (polypropylene) separating film and the  $\text{LiCoO}_2$  ~~anode~~ cathode were stacked, to which an ethylene carbonate-diethyl carbonate (termed as 'EC-DEC', hereinafter) solution in which 1M  $\text{LiPF}_6$  had been dissolved was injected. And then, the electrode capacity and life cycle of the cathode were checked at the discharge rate of C/3.

Please replace the paragraph on page 9, lines 17-21 as follows:

A lithium-ion secondary battery was constructed such that the carbon ~~cathode~~ anode, a PP separating film and the  $\text{LiCoO}_2$  cathode were stacked, to which EC-DEC solution in which 1M  $\text{LiPF}_6$  has been dissolved is injected. And then, the electrode capacity and life cycle of the cathode were checked at the discharge rate of C/3.

Please replace the paragraph on page 10, lines 8-11, as follows:

In the case of a  $\text{LiCoO}_2$  cathode, a composition of 5.7g of  $\text{LiCoO}_2$ , 0.6g of AB and 0.4g of PVdF was mixed with a suitable amount of NMP and acetone. When an adequate viscosity was obtained, the resulting solution was cast on an aluminum thin plate, dried and rolled to obtain the electrode material for ~~the anode~~ cathode.